

MISCELLANEOUS COMMUNICATION

pplicant

Latta, Paul P.

App. No

10/660,924

Filed

September 12, 2003

For

PREVENTION

THROUGH

OF **DIABETES**

INDUCTION

OF

IMMUNOLOGICAL TOLERANCE

Examiner

Belyavskyi, Michail A.

Art Unit

1644

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the Examiner's request in the Office Action of December 16, 2004, regarding the above-identified application, enclosed are courtesy copies of the 30 articles which the Examiner crossed out and which cannot be found with the IDS cited in parent application 09/226,742. Also enclosed for your convenience is a copy of the USPTO stamped IDS filed March 3, 2004 and a copy of the PTO Form 1449 sent with the December 16, 2004 Office Action, which designates the references which were crossed out.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Up Ril 29, 2005

· By:

Marina L. Gordey Registration No. 52,950

Agent of Record

Customer No. 20,995

(805) 547-5580



Case Docket No. LATTA.002C3

Date: March 4, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

Paul P. Latta

Appl. No.

10/660,924

Filed

September 12, 2003

For

INDUCTION OF

IMMUNOLOGICAL

TOLERANCE

Examiner

Unknown

Group Art Unit:

1632

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

Marina L. Gordey, Reg. No. 52,950

TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- An Information Disclosure Statement. (X)
- A PTO Form 1449 with fifty (50) references. (X)
- The Commissioner is hereby authorized to charge any additional fees which may be required, or (X) credit any overpayment, to Account No. 11-1410.
- Return prepaid postcard. (X)

Marina L/Gordey

Registration No. 52,950

Agent of Record

Customer No. 20,995

(805) 547-5580



INFORMATION DISCLOSURE STATEMENT

Paul P. Latta

App. No.

10/660,924

Filed

September 12, 2003

For

INDUCTION OF IMMUNOLOGICAL

TOLERANCE

Examiner

Unknown

Group Art Unit

1632

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 50 references that are of record in U.S. patent application No. 09/226,742, filed January 7, 1999, which is the parent of this Continuation application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March

By:

Marina L. Gordey

Registration No. 52,950

Agent of Record

Customer No. 20,995

(805) 547-5580

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY, DOCKET NO. LATTA.002C3 APPLICATION NO. 10/660,924

RMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT PAUL P. LATTA

SEVERAL SHEETS IF NECESSARY)

FILING DATE GROUP 1632

				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	4.298,002	11/03/81	RONEL et al.			
	2.	4,353,888	10/12/82	SEFTON			
	3.	4,378,016	03/29/83	LOEB			
	4.	4,673,566	06/16/87	GOOSEN et al.			
	5.	4,689,293	08/25/87	GOOSEN et al.			
	6.	4,696,286	09/29/87	COCHRUM			
	7.	4,806,355	02/21/89	GOOSEN et al.			*
	8.	4,892,538	01/09/90	AEBISCHER et al.			
•	9.	4,902,295	02/20/90	WALTHALL et al.			
	10.	4,997,443	03/05/91	WALTHALL et al.	·		
· · · · · · · · · · · · · · · · · · ·	11.	5,182,111	01/26/93	AEBISCHER et al.			_
	12.	5,262,044	11/16/93	BAE et al.			
	13.	5,290,684	03/01/94	KELLY		·	-
	14.	5,529,914	06/25/96	HUBBELL et al			
	15.	5,425,764	06/20/95	FOURNIER et al.		•	•

	FOREIGN PATENT DOCUMENTS								
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION	
INITIAL						·	YES	NO	
	16.	A2 0,147,939	10/07/85	EPO					
	17.	A1 2,034,641	28/05/92	CANADA					
	18.	WO 92/19195	12/11/92	PCT	•				
	19.	WO 95/03062	02/02/95	PCT					
	20.	0 536 807 A1	04/02/87	EP					

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
	21.	Aebischer, P. et al., "LONG-TERM CROSS-SPECIES BRAIN TRANSPLANTATION OF A POLYMER- ENCAPSULATED DOPAMINE-SECRETING CELL LINE" Experimental Neurology (1991) 111:269-275					
		Aebischer, P. et al., "TRANSPLANTATION OF POLYMER ENCAPSULATED NEUROTRANSMITTER SECRETING CELLS: EFFECT OF THE ENCAPSULATION TECHNIQUE" Journal of Biomechanical Engineering (1991) 113:178-183					

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DATE CONSIDERED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. LATTA.002C3	APPLICATION NO. 10/660,924
O P EINFERMATION DISCLOSURE STATEMENT		
BY APPLICANT (AR 0 8 200) 60 (USE EVED AL SHEETS IF NECESSARY)	APPLICANT PAUL P. LATTA	
A STATE OF THE STA	FILING DATE September 12, 2003	GROUP 1632
TRADE		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)			
	23.	Bartlett, S.T. et al., "COMPOSITE KIDNEY-ISLET TRANSPLANTATION PREVENTS RECURRENT AUTOIMMUNE BETA-CELL DESTRUCTION" Surgery (1993) 114:211-217		
	24.	Buchser, et al., "IMMUNOISOLATED XENOGENIC CHROMAFFIN CELL THERAPY FOR CHRONIC PAIN. INITIAL CLINICAL EXPERIENCE" Anesthesiol., (1996) 85:1005-1012		
	25.	Chicheportiche, D. et al., "IN VITRO KINETICS OF INSULIN RELEASE BY MICROENCAPSULATED RAT ISLETS: EFFECT OF THE SIZE OF THE MICROCAPSULES" Diabetologia (1988) 31:54-57		
	26.	Colton, C.K. (1995), "IMPLANTABLE BIOHYBRID ARTIFICIAL ORGANS" Cell Transplantation 4(4):415-436.		
	27. Dixit, V. et al., "A MORPHOLOGICAL AND FUNCTIONAL EVALUATION OF TRANSPLANTE ENCAPSULATED HEPATOCYTES FOLLOWING LONG-TERM TRANSPLANTATION IN GUNN RATS Cells & Immob. Biotech. (1993) 21(2):119-133			
		Gao, E-K et al., "T CELL CONTACT WITH IA ANTIGENS ON NONHEMOPOIETIC CELLS IN VIVO CAN LEAD TO IMMUNITY RATHER THAN TOLERANCE" J. Exp. Med. (1991)174:435-446		
	<u> </u>	Gilbert, J.C. et al., "CELL TRANSPLANTATION OF GENETICALLY ALTERED CELLS ON BIODEGRADABLE POLYMER SCAFFOLDS IN SYNGENEIC RATS" Transplantation (1993) 56(2):423-427		
		Hansan, et al., "EVIDENCE THAT LONG-TERM SURVIVAL OF CONCORDANT XENOGRAFTS IS ACHIEVED BY INHIBITION OF ANTISPECIES ANTIBODY PRODUCTION" Transplantation, (1992) 54:408-413		
	31.	Hill, R.S. et al., "MEMBRANE ENCAPSULATED ISLETS IMPLANTED IN EPIDIDYMAL FAT PADS CORRECT DIABETES IN RATS" Cell Transplantation (1992) 1(213):132 p. 168		
	32.	Hoffman, D. et al., "TRANSPLANTATION OF A POLYMER-ENCAPSULATED CELL LINE GENETICALLY ENGINEERED TO RELEASE NGF" Experimental Neurology (1993) 122:100-106		
	33.	Husby, s. et al., "ORAL TOLERANCE IN HUMANS. T CELL BUT NOT B CELL TOLERANCE AFTER ANTIGEN FEEDING" J. Immunol., (1994) 152:4663-4670		
·	34.	Kneteman, N.M. et al., "ISOLATION AND CRYOPRESERVATION OF HUMAN PANCREATIC ISLETS" Transplantation Proceedings (1986) XVIII(1):182-185		
	35.	Lacy, P.E. et al., "MAINTENANCE OF NORMOGLYCEMIA IN DIABETIC MICE BY SUBCUTANEOUS XENOGRAFTS OF ENCAPSULATED ISLETS" Science (1991) 254:1782-1784		
		Lanza, R.P. et al., "XENOTRANSPLANTATION OF CANINE, BOVINE, AND PORCINE ISLET" PNAS USA (1991) 88:11100-11104.		
	37.	Lanza, R.P. et al., "TRANSPLANTATION OF ENCAPSULATED CANINE ISLETS INTO SPONTANEOUSLY" Endocrinology (1992), 131(2):637-642		
	<u> </u>	Liu, H. et al., "EXPRESSION OF HUMAN FACTOR IX BY MICROENCAPSULATED RECOMBINANT FIBROBLASTS" Human Gene Therapy (1993) 4:291-301		
	39.	Lum, Z. et al., "PROLONGED REVERSAL OF DIABETIC STATE IN NOD MICE BY XENOGRAFTS OF MICROENCAPSULATED RAT ISLETS" Diabetes (1991) 40:1511-1516		
	<u> </u>	Nossal, G.J.V. "IMMUNOLOGICAL TOLERANCE" in: Fundamental Immunology, Second Edition, edited by W.E. Paul, Raven Press, New York, pp 571-585 (1989)		
		Osband, ME et al., "PROBLEMS IN THE INVESTIGATIONAL STUDY AND CLINICAL USE OF CANCER IMMUNOTHERAPY" Immunological Today, (1990) 11(6):193-195		
		Posselt, A.M. et al., "INDUCTION OF DONOR-SPECIFIC UNRESPONSIVENESS BY INTRATHYMIC ISLET TRANSPLANTATION" Science (1990) 249:1293-1295		
	43.	Posselt, A.M. et al., "INTRATHYMIC ISLET TRANSPLANTATION IN THE SPONTANEOUSLY DIABETIC BB RAT" Ann. Surg. (1991) 214(4):363-373		

EXAMINER DATE CONSIDERED	DATE CONSIDERED
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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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EORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. LATTA.002C3	APPLICATION NO. 10/660,924		
MAR 0 8 2004 DI BY APPLICANT	APPLICANT PAUL P. LATTA			
SEVERAL SHEETS IF NECESSARY)	FILING DATE September 12, 2003	GROUP 1632		

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
!	44.	Ricordi, C. et al., "AUTOMATED METHOD FOR ISOLATION OF HUMAN PANCREATIC ISLETS" Diabetes (1988) 37:413-420
	45.	Soon-Shiong, P. et a., "PREVENTION OF CTL AND NK CELL-MEDIATED CYTOTOXICITY BY MICROENCAPSULATION" Hormone Metab. Res. (1990) 25 (suppl.): 215-219
	46.	Sullivan, S.J. et al., "BIOHYBRID ARTIFICIAL PANCREAS: LONG-TERM IMPLANTATION STUDIES IN DIABETIC, PANCREATECTOMIZED DOGS" Science (1991) 252:718-720
	47.	Tai, I.T. et al., "MICROENCAPSULATION OF RECOMBINANT CELLS: A NEW DELIVERY SYSTEM FOR GENE THERAPY" FASEB J. (1993) 7:1061-1069
	48.	Tueveson, G et al., "NEW IMMUNOSUPPRESSANTS: TESTING AND DEVELOPMENT IN ANIMAL MODELS AND THE CLINIC: WITH SPECIAL REFERENCE TO DSG" Immunological Reviews, (1993)136:99-109
	49.	Tresco, P.A. et al., "POLYMER ENCAPSULATED NEUROTRANSMITTER SECRETING CELLS POTENTIAL TREATMENT FOR PARKINSON'S DISEASE" ASAIO Journal (1992) 38:17-23
	50.	Wong, H. et al., "THE MICROENCAPSULATION OF CELLS WITHIN ALGINATE POLY-L-LYSINE MICROCAPSULES PREPARED WITH THE STANDARD SINGLE STEP DROP TECHNIQUE: HISTOLOGICALLY IDENTIFIED MEMBRANE IMPERFECTIONS AND THE ASSOCIATED GRAFT REJECTION" Biomat., Art. Cells & Immob. Biotech. (1991) 19(4):675-686

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FORM PTO-1449

U.S. DEPARTMENT AND TRADEMARK OFFICE

ATTY, DOCKET NO. LATTA.002C3 APPLICATION NO. 10/660,924

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RMATION DISCLOSURE STATEMENT
BY APPLICANT

SEVERAL SHEETS IF NECESSARY)

APPLICANT PAUL P. LATTA

FILING DATE September 12, 2003 GR**O**UP

					U.S. PATENT DOCUMENTS			
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H	13	1.	4.298,002	11/03/81	RONEL et al.			
	1	2.	4,353,888	10/12/82	SEFTON			
		3.	4,378,016	03/29/83	LOEB			
		4.	4,673,566	06/16/87	GOOSEN et al.			
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		6.	4,696,286	09/29/87	COCHRUM			
		7.	4,806,355	02/21/89	GOOSEN et al.			
		8.	4,892,538	01/09/90	AEBISCHER et al.			
		9.	4,902,295	02/20/90	WALTHALL et al.			
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		11.	5,182,111	01/26/93	AEBISCHER et al.			•
		12.	5,262,044	11/16/93	BAE et al.			
		13.	5,290,684	03/01/94	KELLY			•
		14.	5,529,914	06/25/96	HUBBELL et al.			
М	<u> </u>	15.	5,425,764	06/20/95	FOURNIER et al.			

	FOREIGN PATENT DOCUMENTS								
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MB	16.	A2 0,147,939	10/07/85	EPO					
1	17.	A1 2,034,641	28/05/92	CANADA	-				
	18.	WO 92/19195	12/11/92	РСТ	•				
	19.	WO 95/03062	02/02/95	PCT					
MB	20.	0 536 807 A1	04/02/87	EP	_				

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	22.	Aebischer, P. et al., "TRANSPLANTATION OF POLYMER ENCAPSULATED NEUROTRANSMITTER SECRETING CELLS: EFFECT OF THE ENCAPSULATION TECHNIQUE" Journal of Biomechanical Engineering (1991) 113:178-183					

EXAMINER

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12/8/09

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO LATTA.002C3	APPLICATION NO. 10/660,924	
SCLOSURE STATEMENT	CII 8 O VIXI	<u> </u>	
APPLICANT	APPLICANT PAUL P. LATTA		
SHEETS IF NECESSARY)	FILING DATE September 12, 2003	GROUP 1632	

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EXAMINER	DATE CONSIDERED
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FORM PTO-1449

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EINFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE EVERAL SHEETS IF NECESSARY)

EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

		SHEET 3 OF 3
ATTY, DOCKET NO. LATTA.002C3	APPLICATION NO. 10/860,924	
APPLICANT PAUL P. LATTA		
FILING DATE September 12, 2003	GRÔUP 1632	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
	44.	Ricordi, C. et al., "AUTOMATED METHOD FOR ISOLATION OF HUMAN PANCREATIC ISLETS" Diabetes (1988) 37:413-420				
	45.	Soon-Shiong, P. et a., "PREVENTION OF CTL AND NK CELL-MEDIATED CYTOTOXICITY BY MICROENCAPSULATION" Hormone Metab. Res. (1990) 25 (suppl.): 215-219				
	46.	Sullivan, S.J. et at., "BIOHYBRID ARTIFICIAL PANCREAS: LONG-TERM IMPLANTATION STUDIES IN DIABETIC, PANCREATECTOMIZED DOGS" Science (1991) 252/118-720				
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U.S. DEPARTMENT OF COMMERCE
' PATENT AND TRADEMARK OFFICE

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SEVERAL SHEETS IF NECESSARY)

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EORM PTO-1449





INFORMATION DISCLOSURE STATEMENT

: Latta, Paul P.

App. No : 10/660,924

Filed: September 12, 2003

For : PREVENTION OF DIABETES

THROUGH INDUCTION OF

IMMUNOLOGICAL TOLERANCE

Examiner : Belyavski, Michail A.

Art Unit : 1644

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is an Information Disclosure Statement by Applicant (PTO/SB/08 equivalent) listing 7 references to be considered by the Examiner. Also enclosed are 7 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing date of a Notice of Allowance.

CERTIFICATION UNDER 37 C.F.R.§ 1.97(e)(2)

I hereby certify that no item of information contained in this Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months days/months prior to the filing of this Information Disclosure Statement.

Appl. No.

10/660,924

Filed

1688596:vr 042905

September 12, 2003

Docket No. LATTA.002C3 Customer No. 20,995

Thus, no fee is required as set forth in 37 C.F.R. § 1.97(c).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: april 29, 2005

By:

Marina L. Gordey

Registration No. 52,950

Agent of Record

Customer No. 20,995

(805) 547-5580

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application No.	10/660,924
Filing Date	September 12, 2003
First Named Inventor	Latta, Paul P.
Art Unit	1644
Examiner	Belyavskyi, Michail A.
Attorney Docket No.	LATTA.002C3

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SHEET 1 OF 1

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